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PATENT ABSTRACTS OF JAPAN

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(57) Abstract:

PURPOSE: To conduct cooling under a comfortable condition by a method wherein, in the case where cooling operation is continued for a long time period, a compressor is kept stopped (to stop cooling operation) for a predetermined time period from the time when the cooling operation has been continued for more than a predetermined time period.

CONSTITUTION: A control circuit 1 for cooling compressor COM is actuated and stopped by a normally open contact 52Ca of a magnet switch 52C of which the solenoid is energized and deenergized by a room thermostat RT. The solenoid of the switch 52C is connected in parallel with a first timer TM₁ for limiting the cooling time, and a normally open contact TM_{1a} of the timer TM₁ is connected through the thermostat RT with a second timer TM₂ for releasing the cooling limit. The timer TM₂ is connected in parallel with an auxiliary relay X through its normally closed contact TM_{2b}. A normally open contact Xa of the relay X is connected, as a self-maintaining contact, in parallel with the contact TM_{1a}.

